

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Matt Blunt, Governor • Doyle Childers, Director

www.dnr.mo.gov

MAR 17 2006

Mr. Chris Getsfred
Plant Manager
New World Pasta
611 East Marceau
St Louis, MO 63111

Re: New World Pasta, 510-2433
Permit Number: **OP2006-016**

Dear Mr. Getsfred:

Enclosed with this letter is your Part 70 operating permit. Please review this document carefully. Operation of your installation in accordance with the rules and regulations cited in this document is necessary for continued compliance. It is very important that you read and understand the requirements contained in your permit.

If you have any questions or need additional information regarding this permit, please contact me at (573) 751-4817, or you may write to the Department of Natural Resources' Air Pollution Control Program, P.O. Box 176, Jefferson City, Missouri 65102.

Sincerely,

AIR POLLUTION CONTROL PROGRAM



Michael J. Stansfield, P.E.
Operating Permit Unit Chief

MJS:nvb

Enclosure

c: Ms. Tamara Freeman, U.S. EPA Region VII
St. Louis City
PAMS File: 2005-02-093



Missouri Department of Natural Resources
Air Pollution Control Program

PART 70

PERMIT TO OPERATE

Under the authority of RSMo 643 and the Federal Clean Air Act the applicant is authorized to operate the air contaminant source(s) described below, in accordance with the laws, rules, and conditions set forth here in.

Operating Permit Number: OP2006-016
Expiration Date: MAR 16 2011
Installation ID: 510-2433
Project Number: 2005-02-093

Installation Name and Address

New World Pasta
611 East Marceau
St Louis, MO 63111
St Louis City County

Parent Company's Name and Address

New World Pasta
85 Shannon Road
Harrisburg, PA 17112

Installation Description:

New World Pasta is a pasta producing facility. Flour and other powdered ingredients are mixed with water to form a paste. This paste is then extruded through various dies to form the different styles and thicknesses of pasta. The pasta is dried, packaged and shipped to distributors. This facility is a major source because it has the potential to emit more than ten (10) tons per year of bromomethane (methyl bromide), CAS 74-83-9. It is also subject to 40 CFR §60 Subpart Dc—*Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units* and to 40 CFR Part 63 Subpart DDDDD—*National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters*.

MAR 17 2006

Effective Date

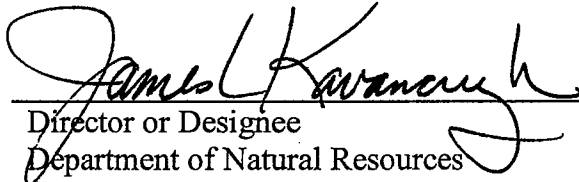

Director or Designee
Department of Natural Resources

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I. Installation Description and Equipment Listing

INSTALLATION DESCRIPTION

New World Pasta is a pasta producing facility. Flour and other powdered ingredients are mixed with water to form a paste. This paste is then extruded through various dies to form the different styles and thicknesses of pasta. The pasta is dried, packaged and shipped to distributors. This facility is a major source because it has the potential to emit more than ten (10) tons per year of bromomethane (methyl bromide), CAS 74-83-9. It is also subject to 40 CFR §60 Subpart Dc—*Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units* and to 40 CFR Part 63 Subpart DDDDD—*National Emission Standards for Hazardous Air Pollutants for Industrial, commercial, and Institutional Boilers and Process Heaters*.

Reported Air Pollutant Emissions, tons per year						
Year	Particulate Matter ≤ Ten Microns (PM-10)	Sulfur Oxides (SO _x)	Nitrogen Oxides (NO _x)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Hazardous Air Pollutants (HAPs)*
2000	0.70	0.04	6.23	0.62	5.23	8.80
2001	0.72	0.04	5.86	0.51	4.92	8.85
2002	1.20	0.03	5.55	0.45	4.66	8.80
2003	1.01	0.03	5.26	0.29	4.42	8.80
2004	1.28	0.03	5.46	0.31	4.57	8.80

* Bromomethane

EMISSION UNITS WITH LIMITATIONS

The following list provides a description of the equipment at this installation which emit air pollutants and which are identified as having unit-specific emission limitations.

Emission Unit #	Description of Emission Unit
EU0010	Flour Silo Load System Filter House (F01 – F08)
EU0020	T03 Regrind Filter House – Hammermill
EU0030	T04 Regrind Filter House – Hammermill
EU0040	Boiler #1
EU0050	Boiler #2
EU0060	Boiler #3
EU0070	Parts Washer

EMISSION UNITS WITHOUT LIMITATIONS

The following list provides a description of the equipment that does not have unit specific limitations at the time of permit issuance.

Emission Unit Number	EQ Emission Point Number	Description
EU0080	EP-01	Flour Weigh Silo T01 Bag Filter Line 1
EU0090	EP-02	Flour Weigh Silo T01 Bag Filter Line 2
EU0100	EP-03	Flour Weigh Silo T02 Bag Filter Line 2
EU0110	EP-04	Flour Weigh Silo T02 Bag Filter Line 1
EU0120	EP-06	#1 Press Feed
EU0130	EP-07	#2 Press Feed
EU0140	EP-08	#3 Press Feed
EU0150	EP-09	#4 Press Feed
EU0160	EP-10	#5 Press Feed
EU0170	EP-12	#7 Press Feed
EU0180	EP-13	#8 Press Feed
EU0190	EP-14	#9 Press Feed
EU0200	EP-16	#1 Press Recycle
EU0210	EP-17	#2 Press Recycle
EU0220	EP-18	#3 Press Recycle
EU0230	EP-19	#5 Press Recycle
EU0240	EP-21	Non-Egg Tailing Recycle Storage Silo (T05)
EU0250	EP-23	Non-Egg Tailing Recycle Storage Silo (T04)
EU0260	EP-24	Egg Tailing Recycle Storage Silo (T03)
EU0270	EP-27	Egg Regrind Silo Load System (R01)
EU0280	EP-28	Non-Egg Regrind Silo Load System (R02)
EU0290	EP-29	Non-Egg Regrind Silo Load System (R03)
EU0300	EP-30	Non-Egg Regrind Silo Load System (R04)
EU0310	EP-34	#4 Press Recycle
EU0320	EP-35	Egg Tailing Recycle Storage Silo (E03)
EU0330	EP-36	Inkjet Labeling Printers
EU0340	EP-37	200 gallon Used Oil Storage Tank
EU0350	EP-38	250-hp Temporary Air Compressor
EU0360	EP-39	200 gallon Temporary Air Compressor Diesel Tank

Plant Fumigation (EP-33)

DOCUMENTS INCORPORATED BY REFERENCE

These documents have been incorporated by reference into this permit.

- 1) St. Louis City Construction Permit 04-06-011
- 2) St. Louis City Construction Permit 04-06-011A

II. Plant Wide Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements.

Permit Condition PW001

10 CSR 10-6.170

Restriction of Particulate Matter to the Ambient Air beyond the Premises of Origin

Emission Limitation:

1. The permittee shall not cause or allow to occur any handling, transporting or storing of any material; construction, repair, cleaning or demolition of a building or its appurtenances; construction or use of a road, driveway or open area; or operation of a commercial or industrial installation without applying reasonable measures as may be required to prevent, or in a manner which allows or may allow, fugitive particulate matter emissions to go beyond the premises of origin in quantities that the particulate matter may be found on surfaces beyond the property line or origin. The nature or origin of the particulate matter shall be determined to a reasonable degree of certainty by a technique proven to be accurate and approved by the director;
2. The permittee shall not cause nor allow to occur, any fugitive particulate matter emissions to remain visible in the ambient air beyond the property line of origin.
3. ~~Should it be determined that noncompliance has occurred, the director may require reasonable control measures as may be necessary.~~

Monitoring:

1. The permittee shall conduct inspections of its facilities sufficient to determine compliance with this regulation. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. If a violation of this regulation is discovered, the source shall undertake corrective action to eliminate the violation.
2. The following monitoring schedule must be maintained:
 - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
 - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
 - c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
3. If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner to the initial monitoring frequency.

Recordkeeping:

1. A log must be maintained noting the following:
 - a) Whether air emissions (except water vapor) remain visible in the ambient air beyond the property line of origin.

- b) Whether the visible emissions were normal for the installation.
 - c) Equipment malfunctions that could cause an exceedance of 10 CSR 10-6.170.
 - d) Any violations of 10 CSR 10-6.170 and any corrective actions undertaken to correct the violation.
2. Attachment A contains a log including these record keeping requirements. This log, or an equivalent created by the permittee, must be used to certify compliance with this requirement.

Reporting:

The permittee shall report any deviation from any of the requirements of this permit condition using the semi-annual monitoring report and annual compliance certification to the City of St. Louis Air Pollution Control Program, 1415 North 13th Street, St. Louis, MO 63106-4424 and Air Pollution Control Program Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

III. Emission Unit Specific Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements.

EU0010

Flour Silo Load System Filter House (F01 – F08)

General Description	One flour silo load system filter house. Constructed 1990, MHDR=53.33 tons/hr Pneumatic transfer of flour to eight silos, one at a time.
Manufacturer/Model #:	Peco Engineering/Custom
EQ Reference # (2004)	EP05

Permit Condition EU0010-001

10 CSR 10-6.400

Control of Emission of Particulate Matter From Industrial Processes

Emission Limitation:

1. The permittee shall not emit particulate matter from EU0010 in excess of 45.18 lbs./hr.
2. The permittee shall not emit particulate matter from any source in a concentration in excess of 0.30 grain per standard cubic feet of exhaust gases.

Monitoring:

1. The dust collector (CD-05) shall be maintained such that the pressure drop remains in the normal operating range of two to eight inches of water whenever the emission unit is in operation. A pressure drop reading of less than two inches may be observed for a period following the installation of a new bag.
2. All instruments and control equipment shall be calibrated, maintained, and operated according to the manufacturer's specifications and recommendations.
3. Check and document the dust collector pressure drop weekly, whenever the emission unit is in operation. If the pressure drop falls out of the normal operating range, corrective action shall be taken as soon as practicable but within eight hours to return the pressure drop to normal.
4. Check and document the cleaning sequence of the dust collector every six months.
5. Inspect bags for leaks and wear every six months.
6. Inspect all components that are not subject to wear or plugging, including structural components, housing, ducts and hoods every six months.

Record Keeping:

1. The permittee shall document all pressure drop readings (see Attachment B-1).
2. All inspections, corrective actions, and instrument calibration shall be recorded (see Attachment B-2).
3. Attachments B-1 and B-2 contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement
4. All records shall be maintained for five years.
5. Records may be kept in either written or electronic form.

Reporting:

1. The permittee shall report to the City of St. Louis Air Pollution Control Program, 1415 North Thirteenth Street, St. Louis, MO 63106 and the Air Pollution Control Program Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the permittee determined that the emission unit(s) exceeded the emission limitation(s) and/or pressure drop range listed above.
2. Reports of any deviations from monitoring other than the pressure drop range, record keeping and reporting requirements of this permit condition shall be submitted semiannually, in the semi-annual monitoring report and annual compliance certification, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

Permit Condition EU0010-002

St. Louis City Ordinance 65645, §14

Restrictions of Visible Air Emissions

10 CSR 10-6.220

Restriction of Emission of Visible Air Contaminants

Emission Limitation:

1. No person shall discharge into the atmosphere from any source of emission whatsoever any air contaminant greater than 20% visible opacity for a period in excess of six minutes in any consecutive 60 minute period.
2. Any emissions in excess of 40% opacity, regardless of length of time, are considered excessive emissions.

Monitoring:

1. The permittee shall conduct opacity readings on this emission unit using the procedures contained in USEPA Test Method 22. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
2. The following monitoring schedule must be maintained:
 - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
 - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then
 - c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
3. If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency.

Record Keeping:

1. The permittee shall maintain records of all observation results (see Attachments C-1 and C-2), noting:
 - a) Whether any air emissions (except for water vapor) were visible from the emission units,
 - b) All emission units from which visible emissions occurred, and
 - c) Whether the visible emissions were normal for the process.
2. The permittee shall maintain records of any equipment malfunctions (see Attachment C-4).
3. The permittee shall maintain records of any Method 9 opacity test (see Attachment C-3) performed in accordance with this permit condition.

4. Attachments C-1, C-2, C-3 and C-4 contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.
5. These records shall be made available immediately for inspection to City of St. Louis and/or Department of Natural Resources personnel upon request.
6. All records shall be maintained for five years.

Reporting:

1. The permittee shall report to the Air Pollution Control Program Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.
2. Reports of any deviations from monitoring, record keeping and reporting requirements of this permit condition shall be submitted semiannually, in the semi-annual monitoring report and annual compliance certification, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

EU0020

T03 Regrind Filter House – Hammermill

General Description	Regrind filter house - Hammermill. Typically used for egg product. Constructed 1990, MHDR=1 ton/hr
Control Device	Dust Collector, constructed 1990.
Manufacturer/Model #:	Jacobson/XLT-24313
EIQ Reference # (2004)	EP25

Permit Condition EU0020-001

10 CSR 10-6.400

Control of Emission of Particulate Matter From Industrial Processes

Emission Limitation:

1. The permittee shall not emit particulate matter from EU0020 in excess of 4.10 lbs./hr.
2. The permittee shall not emit particulate matter from any source in a concentration in excess of 0.30 grain per standard cubic feet of exhaust gases.

Monitoring:

1. The dust collector (CD-25) shall be maintained such that the pressure drop remains in the normal operating range of two to eight inches of water whenever the emission unit is in operation. A pressure drop reading of less than two inches may be observed for a period following the installation of a new bag.
2. All instruments and control equipment shall be calibrated, maintained, and operated according to the manufacturer's specifications and recommendations.
3. Check and document the dust collector pressure drop weekly, whenever the emission unit is in operation. If the pressure drop falls out of the normal operating range, corrective action shall be taken as soon as practicable but within eight hours to return the pressure drop to normal.
4. Check and document the cleaning sequence of the dust collector every six months.
5. Inspect bags for leaks and wear every six months.

6. Inspect all components that are not subject to wear or plugging, including structural components, housing, ducts and hoods every six months.

Record Keeping:

1. The permittee shall document all pressure drop readings (see Attachment B-1).
2. All inspections, corrective actions, and instrument calibration shall be recorded (see Attachment B-2).
3. Attachments B-1 and B-2 contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement
4. All records shall be maintained for five years.
5. Records may be kept in either written or electronic form.

Reporting:

1. The permittee shall report to the City of St. Louis Air Pollution Control Program, 1415 North Thirteenth Street, St. Louis, MO 63106 and the Air Pollution Control Program Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the permittee determined that the emission unit(s) exceeded the emission limitation(s) and/or pressure drop range listed above.
2. Reports of any deviations from monitoring other than the pressure drop range, record keeping and reporting requirements of this permit condition shall be submitted semiannually, in the semi-annual monitoring report and annual compliance certification, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

Permit Condition EU0020-002

St. Louis City Ordinance 65645, §14
Restrictions of Visible Air Emissions
10 CSR 10-6.220
Restriction of Emission of Visible Air Contaminants

Emission Limitation:

1. No person shall discharge into the atmosphere from any source of emission whatsoever any air contaminant greater than 20% visible opacity for a period in excess of six minutes in any consecutive 60 minute period.
2. Any emissions in excess of 40% opacity, regardless of length of time, are considered excessive emissions.

Monitoring:

1. The permittee shall conduct opacity readings on this emission unit using the procedures contained in USEPA Test Method 22. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
2. The following monitoring schedule must be maintained:
 - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
 - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then
 - c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
3. If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency.

Record Keeping:

1. The permittee shall maintain records of all observation results (see Attachments C-1 and C-2), noting:
 - a) Whether any air emissions (except for water vapor) were visible from the emission units,
 - b) All emission units from which visible emissions occurred, and
 - c) Whether the visible emissions were normal for the process.
2. The permittee shall maintain records of any equipment malfunctions (see Attachment C-4).
3. The permittee shall maintain records of any Method 9 opacity test (see Attachment C-3) performed in accordance with this permit condition.
4. Attachments C-1, C-2, C-3 and C-4 contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.
5. These records shall be made available immediately for inspection to City of St. Louis and/or Department of Natural Resources personnel upon request.
6. All records shall be maintained for five years.

Reporting:

1. The permittee shall report to the Air Pollution Control Program Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.
2. Reports of any deviations from monitoring, record keeping and reporting requirements of this permit condition shall be submitted semiannually, in the semi-annual monitoring report and annual compliance certification, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

EU0030

T04 Regrind Filter House – Hammermill

General Description	Regrind filter house - Hammermill. Typically used for non-egg product. Constructed 1990, MHDR=3 tons/hr
Control Device	Dust Collector, Constructed 1990.
Manufacturer/Model #:	Jacobson/XLT-24320
EIQ Reference # (2004)	EP26

Permit Condition EU0030-001

10 CSR 10-6.400

Control of Emission of Particulate Matter From Industrial Processes

Emission Limitation:

1. The permittee shall not emit particulate matter from EU0030 in excess of 8.56 lbs./hr.
2. The permittee shall not emit particulate matter from any source in a concentration in excess of 0.30 grain per standard cubic feet of exhaust gases.

Monitoring:

1. The dust collector (CD-26) shall be maintained such that the pressure drop remains in the normal operating range of two to eight inches of water whenever the emission unit is in operation. A pressure drop reading of less than two inches may be observed for a period following the installation of a new bag.
2. All instruments and control equipment shall be calibrated, maintained, and operated according to the manufacturer's specifications and recommendations.
3. Check and document the dust collector pressure drop weekly, whenever the emission unit is in operation. If the pressure drop falls out of the normal operating range, corrective action shall be taken as soon as practicable but within eight hours to return the pressure drop to normal.
4. Check and document the cleaning sequence of the dust collector every six months.
5. Inspect bags for leaks and wear every six months.
6. Inspect all components that are not subject to wear or plugging, including structural components, housing, ducts and hoods every six months.

Record Keeping:

1. The permittee shall document all pressure drop readings (see Attachment B-1).
2. All inspections, corrective actions, and instrument calibration shall be recorded (see Attachment B-2).
3. Attachments B-1 and B-2 contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement
4. All records shall be maintained for five years.
5. Records may be kept in either written or electronic form.

Reporting:

1. The permittee shall report to the City of St. Louis Air Pollution Control Program, 1415 North Thirteenth Street, St. Louis, MO 63106 and the Air Pollution Control Program Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the permittee determined that the emission unit(s) exceeded the emission limitation(s) and/or pressure drop range listed above.
2. Reports of any deviations from monitoring other than the pressure drop range, record keeping and reporting requirements of this permit condition shall be submitted semiannually, in the semi-annual monitoring report and annual compliance certification, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

Permit Condition EU0030-002

St. Louis City Ordinance 65645, §14

Restrictions of Visible Air Emissions

10 CSR 10-6.220

Restriction of Emission of Visible Air Contaminants

Emission Limitation:

1. No person shall discharge into the atmosphere from any source of emission whatsoever any air contaminant greater than 20% visible opacity for a period in excess of six minutes in any consecutive 60 minute period.
2. Any emissions in excess of 40% opacity, regardless of length of time, are considered excessive emissions.

Monitoring:

1. The permittee shall conduct opacity readings on this emission unit using the procedures contained in USEPA Test Method 22. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
2. The following monitoring schedule must be maintained:
 - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
 - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then
 - c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
3. If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency.

Record Keeping:

1. The permittee shall maintain records of all observation results (see Attachments C-1 and C-2), noting:
 - a) Whether any air emissions (except for water vapor) were visible from the emission units,
 - b) All emission units from which visible emissions occurred, and
 - c) Whether the visible emissions were normal for the process.
2. The permittee shall maintain records of any equipment malfunctions (see Attachment C-4).
3. The permittee shall maintain records of any Method 9 opacity test (see Attachment C-3) performed in accordance with this permit condition.
4. Attachments C-1, C-2, C-3 and C-4 contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.
5. These records shall be made available immediately for inspection to City of St. Louis and/or Department of Natural Resources personnel upon request.
6. All records shall be maintained for five years.

Reporting:

1. The permittee shall report to the Air Pollution Control Program Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.
2. Reports of any deviations from monitoring, record keeping and reporting requirements of this permit condition shall be submitted semiannually, in the semi-annual monitoring report and annual compliance certification, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

EU0040 through EU0060

Boiler #1
Boiler #2
Boiler #3

General Description	Three (3) natural gas fired boilers each with MHDR of 16.74MMBtu/hr. Constructed 1990
Manufacturer/Model #:	Kewanee/L39-350-G02 w/400 BNR
EQ Reference # (2004)	EP20

Permit Condition (EU0040 through EU0060)-001

St. Louis City Construction Permit 04-06-011

St. Louis City Construction Permit 04-06-011A

10 CSR 10-6.060

Construction Permits Required

10 CSR 10-6.070

New Source Performance Regulations

40 CFR Part 60 Subpart Dc

Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units

Emission Limitation:

1. The permittee shall only use pipeline grade natural gas as a source of fuel for the boilers.
2. The City of St Louis Permit No. 04-06-011 shall supercede the limitations, conditions, and recordkeeping requirements in Permit Nos. H018, H019, and H020 (issued 8/7/1990).

Monitoring/Recordkeeping:

1. The requirement of 40 CFR 60.48c(g) to record and maintain the amount of fuel combusted each day may be reduced to monthly, where the only fuels used are:
 - (a) natural gas, or (b) distillate oil with a sulfur content less than 0.5% percent and compliance is demonstrated using supplier certifications. Documentation may be in the form of fuel bills or meter readings, or other records that adequately document fuel usage.
2. If any fuel oil combusted in the affected units exceeds 0.5% weight percent sulfur, the record keeping frequency will immediately revert to daily, in order to determine whether the 30-day rolling average sulfur content of the fuel exceeds 0.5%. For additional information regarding this requirement, please see §60.46c(d)(2).
3. The reduced record keeping frequency shall not exempt the unit from compliance with any of the fuel certification requirements, including those of 40 CFR 60.42c(h), 60.44c(g), or any of the reporting requirements, including those of 60.48c(e)(11) and 60.48c(f).
4. Attachment D, or an equivalent created by the permittee, shall be used to certify compliance with this requirement.
5. All records shall be kept for a minimum of 60 months and shall be made available to City, State or Federal inspectors upon request.

Fuel Amount Proration Methodology

The monthly quantity of fuel fired in each Subpart Dc affected boiler shall be based on the ratio of the design heat input of each affected NSPS Subpart Dc unit to the sum of design heat input capacities of all combustion units fed by a common fuel meter multiplied by the monthly fuel consumption. In this case, because the three boilers share a common meter, and are the only combustion devices metered, New World Pasta may simply prorate based on the heat input of each unit.

Reporting [60.48c(d)12]

1. For an affected unit which has the capability to combust only natural gas, New World Pasta unit may report excess emissions, or lack thereof, on an annual frequency in lieu of the semi-annual reports otherwise contemplated by NSPS Subpart Dc. The annual report shall be submitted both to the Missouri Department of Natural Resources and St. Louis City Air Pollution Control Program and may be made as a separate submission or may be included with any annual compliance certification required by an operating permit issued by the Missouri Department of Natural Resources' (e.g. Title V or Intermediate FESOP).
2. If affected units obtain the capability to combust distillate oil with a sulfur content less than 0.5% percent, but elect not to burn such fuel for an extended period of a calendar year or more, then the affected units may report excess emissions, or lack thereof, on an annual frequency. If this option for reduced reporting is used, please notify your local and state air pollution control agency of your intent to provide less than semi-annual Subpart Dc excess emission reports. The annual report shall be submitted both to the Missouri Department of Natural Resources and St. Louis City Air Pollution Control Program and may be made as a separate submission or may be included with any annual compliance certification required by an operating permit issued by the Missouri Department of Natural Resources (e.g. Title V or Intermediate FESOP).
3. Should the affected unit fire any fuel oil during any semi-annual calendar period, whether as an emergency or backup fuel or not, it will be considered subject to the sulfur dioxide emission limitations and shall report any excess emissions, or lack thereof, on a semi-annual frequency. The semi-annual report shall be submitted both to the Missouri Department of Natural Resources and St. Louis City Air Pollution Control Program.
4. The permittee shall report emissions from the boilers on their Emission Inventory Questionnaire.
5. The permittee shall report to the City of St. Louis; Division of Air Pollution Control, 1415 North Thirteenth Street, St. Louis, MO 63106-4424 and the Air Pollution Control Program Enforcement Section, P.O. Box 176, Jefferson City, MO 65 102, no later than ten days after any deviation from or exceedance of any of the terms imposed by this regulation, or any malfunction which causes a deviation from or exceedance of this regulation.

Permit Condition (EU0040 through EU0060)-002

10 CSR 10-6.260^{1,2}

Restriction of Emission of Sulfur Compounds

Emission Limitation:

No person shall cause or permit the emission of sulfur compounds from any source which causes or contributes to concentrations exceeding those specified in 10 CSR 10-6.010 Ambient Air Quality Standards.

[10 CSR 10-6.260(3)(B) & 10 CSR 10-6.010 Ambient Air Quality Standards]

<u>Pollutant</u>	<u>Concentration by Volume</u>	<u>Remarks</u>
a) Sulfur Dioxide (SO ₂)	0.03 parts per million (ppm)	Annual arithmetic mean
	0.14 ppm (365 micrograms per cubic meter (µg/m ³))	24-hour average not to be exceeded more than once per year
	0.5 ppm (1300 µg/m ³)	3-hour average not to be exceeded more than once per year
b) Hydrogen Sulfide (H ₂ S)	0.05 ppm (70 µg/m ³)	½-hour average not to be exceeded over 2 times per year
	0.03 ppm (42 µg/m ³)	½-hour average not to be exceeded over 2 times in any 5 consecutive days
c) Sulfuric Acid (H ₂ SO ₄)	10 µg/m ³	24-hour average not to be exceeded more than once in any 90 consecutive days
	30 µg/m ³	1-hour average not to be exceeded more than once in any 2 consecutive days

Equipment and Operational Parameters

The emission unit shall be limited to burning pipeline grade natural gas only.

Monitoring/Recordkeeping:

1. The permittee shall maintain documentation supporting that the fuel used in these emission units is pipeline grade natural gas.
2. These records shall be made available immediately for inspection to the City of St. Louis/Department of Natural Resources' personnel upon request.

Reporting:

The permittee shall report any deviation from any of the requirements of this permit condition using the semi-annual monitoring report and annual compliance certification to the City of St. Louis Air Pollution Control Program, 1415 North 13th Street, St. Louis, MO 63106-4424 and Air Pollution Control Program Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

¹ 10 CSR 10-6.260(3)(B) is a state-only requirement

² The current version of 10 CSR 10-6.260 (May 30, 2004, effective date) exempts combustion equipment that exclusively uses pipeline grade natural gas or liquefied petroleum gas, or any combination of these fuels, from the requirements of this rule. Therefore, when the provisions of the current version of 10 CSR 10-6.260 are incorporated into the federally approved SIP as a final EPA action, the emission units would not be subject to 10 CSR 10-6.260 and this permit condition will no longer be an applicable requirement in this operating permit.

EU0070
Parts Washer

General Description	Parts Washer. Installed 1990, 75 gallon solvent capacity, uses Eco-Solv III solvent by Eco-Clean Corporation.
Manufacturer/Model #:	Eco-Clean Corporation
EIQ Reference # (2004)	EP-32

Permit Condition EU0070-001

10 CSR 10-5.300

Control of Emissions From Solvent Metal Cleaning

Emission Limitation:

1. After April 1, 2001, no owner or operator shall operate a cold cleaner using a solvent with a vapor pressure greater than 1.0 mm Hg at 20 degrees Celsius.
2. Exception: The permittee may use an alternative method for reducing cold cleaning emissions if the level of emission control is equivalent to or greater than the requirements listed above. The director must approve the alternative method.

Operational Limitation/Equipment Specifications:

1. Each cold cleaner shall have a cover which will prevent the escape of solvent vapors from the solvent bath while in the closed position, or an enclosed reservoir which limits the escape of solvent vapors from the solvent bath whenever parts are not being processed in the cleaner.
2. Each cold cleaner shall have a drainage facility which will be internal so that parts are enclosed under the cover while draining.
3. If an internal drainage facility cannot fit into the cleaning system and the solvent vapor pressure is less than 0.6 psi measured at 37.8°C (100°F), then the cold cleaner shall have an external drainage facility which provides for the solvent to drain back into the solvent bath.
4. Solvent sprays, if used, shall be a solid fluid stream (not a fine, atomized or shower-type spray) and at a pressure which does not cause splashing above or beyond the freeboard.
5. A permanent conspicuous label summarizing the operating procedures shall be affixed to the equipment.
6. Each cold cleaner shall be operated as follows:
 - a) Cold cleaner covers shall be closed whenever parts are not being handled in the cleaners or the solvent must drain into an enclosed reservoir.
 - b) Clean parts shall be drained in the freeboard area for at least 15 seconds or until dripping ceases, whichever is longer.
 - c) Whenever a cold cleaner fails to perform within the operating parameters established for it by this regulation, the unit shall be shut down immediately and shall remain shut down until trained service personnel are able to restore operation within the established operating procedures.
 - d) Solvent leaks shall be repaired immediately or the cleaner shall be shut down and leaks secured until the leaks are repaired.
 - e) Any waste material removed from a cold cleaner shall be disposed of by one of the following methods in accordance with the Missouri Hazardous Waste Management Commission Rules codified as 10 CSR 25, as applicable:
 - i) Reduction of the waste material to less than 20% VOC solvent by distillation and proper disposal of the still bottom waste, or
 - ii) Stored in closed containers for transfer to a contract reclamation service or disposal facility approved by the director.

- f) Waste solvent shall be stored in covered containers only.
- 7. Operators must be trained as follows:
 - a) Only persons trained in at least the operation and equipment requirements specified in this rule for their particular solvent metal cleaning process to operate this equipment;
 - b) The supervisor of any person who operates a solvent metal cleaning process shall receive equivalent or greater operational training than the operators; and
 - c) Refresher training shall be given to all solvent metal cleaning equipment operators at least once every 12 month period.

Monitoring/Record Keeping:

- 1. The permittee shall monitor the throughputs of the solvents monthly and maintain material safety data sheets of the solvents used in the emission unit.
- 2. The permittee shall maintain the following records for each purchase of cold cleaner solvent (Attachment E-1):
 - a) Name and address of the solvent supplier.
 - b) Date of purchase.
 - c) Type of solvent purchased.
 - d) Vapor pressure of solvent in mm Hg at 20°C or 68°F.
- 3. The permittee shall keep monthly inventory records of solvent types and amounts purchased and solvent consumed (Attachment E-2). The records shall include all types and amounts of solvent containing waste material transferred to either a contract reclamation service or to a disposal installation and all amounts distilled on the premises (Attachment E-3). The record also shall include maintenance and repair logs that occurred on the cold cleaner (Attachments E-4).
- 4. The permittee shall keep training records of solvent metal cleaning for each employee on an annual basis (Attachment E-5).
- 5. Attachments E-1, E-2, E-3, E-4 and E-5, or equivalents created by the permittee, shall be used to certify compliance with these requirements.
- 6. All records shall be maintained for five years.

Reporting:

Reports of any deviations from or exceedance of any of the terms imposed by this regulation, or any malfunction which causes a deviation from or exceedance of this regulation shall be submitted semiannually, in the semi-annual monitoring report and annual compliance certification, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

IV. Core Permit Requirements

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements.

10 CSR 10-6.050, Start-up, Shutdown and Malfunction Conditions

1. In the event of a malfunction, which results in excess emissions that exceed one hour, the permittee shall submit to the director within two business days in writing the following information:
 - a) Name and location of installation;
 - b) Name and telephone number of person responsible for the installation;
 - c) Name of the person who first discovered the malfunction and precise time and date that the malfunction was discovered.
 - d) Identity of the equipment causing the excess emissions;
 - e) Time and duration of the period of excess emissions;
 - f) Cause of the excess emissions;
 - g) Air pollutants involved;
 - h) Best estimate of the magnitude of the excess emissions expressed in the units of the applicable requirement and the operating data and calculations used in estimating the magnitude;
 - ~~i) Measures taken to mitigate the extent and duration of the excess emissions; and~~
 - j) Measures taken to remedy the situation that caused the excess emissions and the measures taken or planned to prevent the recurrence of these situations.
2. The permittee shall submit the paragraph (a.) information list to the director in writing at least ten days prior to any maintenance, start-up or shutdown, which is expected to cause an excessive release of emissions that exceed one hour. If notice of the event cannot be given ten days prior to the planned occurrence, it shall be given as soon as practicable prior to the release. If an unplanned excess release of emissions exceeding one hour occurs during maintenance, start-up or shutdown, the director shall be notified verbally as soon as practical during normal working hours and no later than the close of business of the following working day. A written notice shall follow within ten working days.
3. Upon receipt of a notice of excess emissions issued by an agency holding a certificate of authority under section 643.140, RSMo, the permittee may provide information showing that the excess emissions were the consequence of a malfunction, start-up or shutdown. The information, at a minimum, should be the paragraph (a.) list and shall be submitted not later than 15 days after receipt of the notice of excess emissions. Based upon information submitted by the permittee or any other pertinent information available, the director or the commission shall make a determination whether the excess emissions constitute a malfunction, start-up or shutdown and whether the nature, extent and duration of the excess emissions warrant enforcement action under section 643.080 or 643.151, RSMo.
4. Nothing in this rule shall be construed to limit the authority of the director or commission to take appropriate action, under sections 643.080, 643.090 and 643.151, RSMo to enforce the provisions of the Air Conservation Law and the corresponding rule.
5. Compliance with this rule does not automatically absolve the permittee of liability for the excess emissions reported.

10 CSR 10-6.060, Construction Permits Required

The permittee shall not commence construction, modification, or major modification of any installation subject to this rule, begin operation after that construction, modification, or major modification, or begin operation of any installation which has been shut down longer than five years without first obtaining a permit from the permitting authority.

10 CSR 10-6.065, Operating Permits

The permittee shall file for renewal of this operating permit no sooner than eighteen months, nor later than six months, prior to the expiration date of this operating permit. The permittee shall retain the most current operating permit issued to this installation on-site and shall immediately make such permit available to any Missouri Department of Natural Resources personnel upon request.

10 CSR 10-6.110, Submission of Emission Data, Emission Fees and Process Information

1. The permittee shall complete and submit an Emission Inventory Questionnaire (EIQ) in accordance with the requirements outlined in this rule.
2. The permittee shall pay an annual emission fee per ton of regulated air pollutant emitted according to the schedule in the rule. This fee is an emission fee assessed under authority of RSMo. 643.079 to satisfy the requirements of the Federal Clean Air Act, Title V.
3. The fees shall be due April 1 each year for emissions produced during the previous calendar year. The fees shall be payable to the Department of Natural Resources and shall be accompanied by the Emissions Inventory Questionnaire (EIQ) form or equivalent approved by the director.

10 CSR 10-6.130, Controlling Emissions During Episodes of High Air Pollution Potential

This rule specifies the conditions that establish an air pollution alert (yellow/orange/red/purple), or emergency (maroon) and the associated procedures and emission reduction objectives for dealing with each. The permittee shall submit an appropriate emergency plan if required by the Director.

10 CSR 10-6.150, Circumvention

The permittee shall not cause or permit the installation or use of any device or any other means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes an emission or air contaminant which violates a rule of the Missouri Air Conservation Commission.

10 CSR 10-6.180, Measurement of Emissions of Air Contaminants

1. The director may require any person responsible for the source of emission of air contaminants to make or have made tests to determine the quantity or nature, or both, of emission of air contaminants from the source. The director may specify testing methods to be used in accordance with good professional practice. The director may observe the testing. All tests shall be performed by qualified personnel.
2. The director may conduct tests of emissions of air contaminants from any source. Upon request of the director, the person responsible for the source to be tested shall provide necessary ports in stacks or ducts and other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of the emission of air contaminants.
3. The director shall be given a copy of the test results in writing and signed by the person responsible for the tests.

10 CSR 10-5.040, Use of Fuel in Hand-Fired Equipment Prohibited

It shall be unlawful to operate any hand-fired fuel-burning equipment in the St. Louis, Missouri metropolitan area. This regulation shall apply to all fuel-burning equipment including, but not limited to, furnaces, heating and cooking stoves and hot water furnaces. It shall not apply to wood-burning fireplaces and wood-burning stoves in dwellings, nor to fires used for recreational purpose, nor to fires used solely for the preparation of food by barbecuing. Hand-fired fuel-burning equipment is any stove, furnace, or other fuel-burning device in which fuel is manually introduced directly into the combustion chamber.

10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations (Contained in State Implementation Plan)

No person shall burn or cause or permit the burning of refuse in any installation which is designed for the primary purpose of burning fuel.

10 CSR 10-5.070, Open Burning Restrictions

1. The permittee shall not conduct, cause, permit or allow a salvage operation, the disposal of trade wastes or burning of refuse by open burning.
2. Exception - Open burning of trade waste or vegetation may be permitted only when it can be shown that open burning is the only feasible method of disposal or an emergency exists which requires open burning.
3. Any person intending to engage in open burning shall file a request to do so with the director. The request shall include the following:
 - a) The name, address and telephone number of the person submitting the application; The type of business or activity involved; A description of the proposed equipment and operating practices, the type, quantity and composition of trade wastes and expected composition and amount of air contaminants to be released to the atmosphere where known;
 - b) The schedule of burning operations;
 - c) The exact location where open burning will be used to dispose of the trade wastes;
 - d) Reasons why no method other than open burning is feasible; and
 - e) Evidence that the proposed open burning has been approved by the fire control authority which has jurisdiction.
4. Upon approval of the open burning permit application by the director, the person may proceed with the operation under the terms of the open burning permit. Be aware that such approval shall not exempt New World Pasta from the provisions of any other law, ordinance or regulation.
5. The permittee shall maintain files with letters from the director approving the open burning operation and previous DNR inspection reports.

St. Louis City Ordinance 65645, Sec 15, Open Burning Restrictions

1. No person shall cause, suffer, allow or permit the open burning of refuse.
2. No person shall conduct, cause or permit the conduct of a salvage operation by open burning.
3. No person shall conduct, cause or permit the disposal of trade waste by open burning.
4. No person shall cause or permit the open burning of leaves, trees or the byproducts therefrom, grass, or other vegetation.
5. It shall be prima-facie evidence that the person who owns or controls property on which open burning occurs, has caused or permitted said open burning.

10 CSR 10-5.120, Information on Sales of Fuels to be Provided and Maintained

Every delivery of coal or residual fuel oil when first delivered to a consumer or wholesaler in the St. Louis metropolitan area must be accompanied by a ticket prepared in triplicate and containing at least the name and address of the seller and the buyer; the grade of fuel; ash content of coal, the source of the fuel, which must be an approved source, and such other information as the Air Conservation Commission may require. One copy of each ticket shall be kept by the person delivering the fuel and be retained for one year; one copy is to be given to the recipient of the fuel to be retained for one year; and, upon request, within 30 days after delivery of the fuel, the delivering party shall mail one copy to the Air Conservation Commission.

10 CSR 10-5.160, Control of Odors in the Ambient Air

No person shall emit odorous matter as to cause an objectionable odor on or adjacent to:

1. Residential, recreational, institutional, retail sales, hotel or educational premises.
2. Industrial premises when air containing odorous matter is diluted with 20 or more volumes of odor-free air; or
3. Premises other than those in paragraphs (1)A.1. and (2) of the rule when air containing odorous matter is diluted with four or more volumes of odor-free air.

The previously mentioned requirement shall apply only to objectionable odors. An odor will be deemed objectionable when 30% or more of a sample of the people exposed to it believe it to be objectionable in usual places of occupancy; the sample size to be at least 20 people or 75% of those exposed if fewer than 20 people are exposed.

This requirement is not federally enforceable.

10 CSR 10-5.240, Additional Air Quality Control Measures May be Required When Sources Are Clustered in a Small Land Area

The Air Conservation Commission may prescribe more restrictive air quality control requirements that are more restrictive and more extensive than provided in regulations of general application for:

1. Areas in which there are one or more existing sources and/or proposed new sources of particulate matter in any circular area with a diameter of two miles (including sources outside metropolitan area) from which the sum of particulate emissions allowed from these sources by regulations of general application are or would be greater than 2000 tons per year or 500 pounds per hour.
2. Areas in which there are one or more existing sources and/or proposed new sources of sulfur dioxide in any circular area with a diameter of two miles from which the sum of sulfur dioxide emissions from these sources allowed by regulations of general application are or would be greater than 1000 tons for any consecutive three months or 1000 pounds per hour.

10 CSR 10-6.100, Alternate Emission Limits

Proposals for alternate emission limitations shall be submitted on Alternate Emission Limits Permit forms provided by the department. An installation owner or operator must obtain an Alternate Emission Limits Permit in accordance with 10 CSR 10-6.100 before alternate emission limits may become effective.

10 CSR 10-6.080, Emission Standards for Hazardous Air Pollutants

40 CFR Part 61 Subpart M, National Emission Standard for Asbestos

1. The permittee shall follow the procedures and requirements of 40 CFR Part 61, Subpart M for any activities occurring at this installation which would be subject to provisions for 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos.

2. The permittee shall conduct monitoring to demonstrate compliance with registration, certification, notification, and Abatement Procedures and Practices standards as specified in 40 CFR Part 61, Subpart M.

10 CSR 10-6.250, Asbestos Abatement Projects – Certification, Accreditation, and Business Exemption Requirements

The permittee shall conduct all asbestos abatement projects within the procedures established for certification and accreditation by 10 CSR 10-6.250. This rule requires individuals who work in asbestos abatement projects to be certified by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires training providers who offer training for asbestos abatement occupations to be accredited by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires persons who hold exemption status from certain requirements of this rule to allow the department to monitor training provided to employees. Each individual who works in asbestos abatement projects must first obtain certification for the appropriate occupation from the department. Each person who offers training for asbestos abatement occupations must first obtain accreditation from the department. Certain business entities that meet the requirements for state-approved exemption status must allow the department to monitor training classes provided to employees who perform asbestos abatement.

Title VI – 40 CFR Part 82, Protection of Stratospheric Ozone

1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
 - a) All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106.
 - b) The placement of the required warning statement must comply with the requirements pursuant to §82.108.
 - c) The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.
 - d) No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
2. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B:
 - a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
 - b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
 - c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
 - d) Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to §82.166. ("MVAC-like" appliance as defined at §82.152).
 - e) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.
 - f) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.
3. If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.

4. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.

The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program. *Federal Only - 40 CFR part 82*

10 CSR 10-6.280, Compliance Monitoring Usage

1. The permittee is not prohibited from using the following in addition to any specified compliance methods for the purpose of submission of compliance certificates:
 - a) Monitoring methods outlined in 40 CFR Part 64;
 - b) Monitoring method(s) approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
 - c) Any other monitoring methods approved by the director.
2. Any credible evidence may be used for the purpose of establishing whether a permittee has violated or is in violation of any such plan or other applicable requirement. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred by a permittee:
 - a) Monitoring methods outlined in 40 CFR Part 64;
 - b) A monitoring method approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
 - c) Compliance test methods specified in the rule cited as the authority for the emission limitations.
3. The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
 - a) Applicable monitoring or testing methods, cited in:
 - i) 10 CSR 10-6.030, "Sampling Methods for Air Pollution Sources";
 - ii) 10 CSR 10-6.040, "Reference Methods";
 - iii) 10 CSR 10-6.070, "New Source Performance Standards";
 - iv) 10 CSR 10-6.080, "Emission Standards for Hazardous Air Pollutants"; or
 - b) Other testing, monitoring, or information gathering methods, if approved by the director, that produce information comparable to that produced by any method listed above.

V. General Permit Requirements

Permit Duration

10 CSR 10-6.065(6)(C)1.B.

This permit is issued for a term of five years, commencing on the date of issuance. This permit will expire at the end of this period unless renewed.

General Record Keeping and Reporting Requirements

10 CSR 10-6.065(6)(C)1.C

I) Record Keeping

- A) All required monitoring data and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report or application.
- B) Copies of all current operating and construction permits issued to this installation shall be kept on-site for as long as the permits are in effect. Copies of these permits shall be made immediately available to any Missouri Department of Natural Resources' personnel upon request.

II) Reporting

- A) The permittee shall submit a report of all required monitoring by:
 - 1) October 1st for monitoring which covers the January through June time period, and
 - 2) April 1st for monitoring which covers the July through December time period.
 - 3) Exception: Monitoring requirements which require reporting more frequently than semi annually shall report no later than 30 days after the end of the calendar quarter in which the measurements were taken.
- B) Each report must identify any deviations from emission limitations, monitoring, record keeping, reporting, or any other requirements of the permit, this includes deviations or Part 64 exceedances.
- C) All reports shall be submitted to the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102.
- D) Submit supplemental reports as required or as needed. Supplemental reports are required no later than ten days after any exceedance of any applicable rule, regulation or other restriction. All reports of deviations shall identify the cause or probable cause of the deviations and any corrective actions or preventative measures taken.
 - 1) Notice of any deviation resulting from an emergency (or upset) condition as defined in paragraph (6)(C)7 of 10 CSR 10-6.065 (Emergency Provisions) shall be submitted to the permitting authority either verbally or in writing within two working days after the date on which the emission limitation is exceeded due to the emergency, if you wish to assert an affirmative defense. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that indicate an emergency occurred and that you can identify the cause(s) of the emergency. The permitted installation must show that it was operated properly at the time and that during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or requirements in the permit. The notice must contain a description of the emergency, the steps taken to mitigate emissions, and the corrective actions taken.
 - 2) Any deviation that poses an imminent and substantial danger to public health, safety or the environment shall be reported as soon as practicable.
 - 3) Any other deviations identified in the permit as requiring more frequent reporting than the permittee's semiannual report shall be reported on the schedule specified in the permit.
 - 4) These supplemental reports shall be submitted to the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after any exceedance of any applicable rule, regulation, or other restriction.

- E) Every report submitted shall be certified by the responsible official, except that, if a report of a deviation must be submitted within ten days after the deviation, the report may be submitted without a certification if the report is resubmitted with an appropriate certification within ten days after that, together with any corrected or supplemental information required concerning the deviation.
- F) The permittee may request confidential treatment of information submitted in any report of deviation.

Risk Management Plans Under Section 112(r)

10 CSR 10-6.065(6)(C)1.D.

The permittee shall comply with the requirements of 40 CFR Part 68, Accidental Release Prevention Requirements. If the permittee has more than a threshold quantity of a regulated substance in process, as determined by 40 CFR Section 68.115, the permittee shall submit a Risk Management Plan in accordance with 40 CFR Part 68 no later than the latest of the following dates:

- 1) June 21, 1999;
- 2) Three years after the date on which a regulated substance is first listed under 40 CFR Section 68.130; or
- 3) The date on which a regulated substance is first present above a threshold quantity in a process.

Severability Clause

10 CSR 10-6.065(6)(C)1.F.

In the event of a successful challenge to any part of this permit, all uncontested permit conditions shall continue to be in force. All terms and conditions of this permit remain in effect pending any administrative or judicial challenge to any portion of the permit. If any provision of this permit is invalidated, the permittee shall comply with all other provisions of the permit.

General Requirements

10 CSR 10-6.065(6)(C)1.G

- 1) The permittee must comply with all of the terms and conditions of this permit. Any noncompliance with a permit condition constitutes a violation and is grounds for enforcement action, permit termination, permit revocation and re-issuance, permit modification or denial of a permit renewal application.
- 2) The permittee may not use as a defense in an enforcement action that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
- 3) The permit may be modified, revoked, reopened, reissued or terminated for cause. Except as provided for minor permit modifications, the filing of an application or request for a permit modification, revocation and re-issuance, or termination, or the filing of a notification of planned changes or anticipated noncompliance, will not stay any permit condition.
- 4) This permit does not convey any property rights of any sort, nor grant any exclusive privilege.
- 5) The permittee shall furnish to the Air Pollution Control Program, upon receipt of a written request and within a reasonable time, any information that the Air Pollution Control Program reasonably may require to determine whether cause exists for modifying, reopening, reissuing or revoking the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the Air Pollution Control Program copies of records required to be kept by the permittee. The permittee may make a claim of confidentiality for any information or records submitted pursuant to 10 CSR 10-6.065(6)(C)1.

Incentive Programs Not Requiring Permit Revisions

10 CSR 10-6.065(6)(C)1.H.

No permit revision will be required for any installation changes made under any approved economic incentive, marketable permit, emissions trading, or other similar programs or processes provided for in this permit.

Reasonably Anticipated Operating Scenarios

10 CSR 10-6.065(6)(C)1.I.

Not Applicable.

Title IV Allowances

Not Applicable.

Emissions Trading

10 CSR 10-6.065(6)(C)1.J.

Not Applicable.

Compliance Requirements

10 CSR 10-6.065(6)(C)3.

- I) Any document (including reports) required to be submitted under this permit shall contain a certification signed by the responsible official.
- II) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized officials of the Missouri Department of Natural Resources, or their authorized agents, to perform the following (subject to the installation's right to seek confidential treatment of information submitted to, or obtained by, the Air Pollution Control Program):
 - A) Enter upon the premises where a permitted installation is located or an emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
 - B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - C) Inspect, at reasonable times and using reasonable safety practices, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
 - D) As authorized by the Missouri Air Conservation Law, Chapter 643, RSMo or the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the terms of this permit, and all applicable requirements as outlined in this permit.
- III) All progress reports required under an applicable schedule of compliance shall be submitted semiannually (or more frequently if specified in the applicable requirement). These progress reports shall contain the following:
 - A) Dates for achieving the activities, milestones or compliance required in the schedule of compliance, and dates when these activities, milestones or compliance were achieved, and
 - B) An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventative or corrective measures adopted.
- IV) The permittee shall submit an annual certification that it is in compliance with all of the federally enforceable terms and conditions contained in this permit, including emissions limitations, standards, or work practices. These certifications shall be submitted annually by April 1st, unless the applicable requirement specifies more frequent submission. These certifications shall be submitted to EPA Region VII, 901 North 5th Street, Kansas City, Kansas 66101, as well as the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102. All deviations and Part 64 exceedances and excursions must be included in the compliance certifications. The compliance certification shall include the following:
 - A) The identification of each term or condition of the permit that is the basis of the certification,
 - B) The current compliance status, as shown by monitoring data and other information reasonably available to the installation,
 - C) Whether compliance was continuous or intermittent,

- D) The method(s) used for determining the compliance status of the installation, both currently and over the reporting period, and
- E) Such other facts as the Air Pollution Control Program will require in order to determine the compliance status of this installation.

Permit Shield

10 CSR 10-6.065(6)(C)6.

- I) Compliance with the conditions of this permit shall be deemed compliance with all applicable requirements as of the date that this permit is issued, provided that:
 - A) The applicable requirements are included and specifically identified in this permit; or
 - B) The permitting authority, in acting on the permit revision or permit application, determines in writing that other requirements, as specifically identified in the permit, are not applicable to the installation, and this permit expressly includes that determination or a concise summary of it.
- II) Be aware that there are exceptions to this permit protection. The permit shield does not affect the following:
 - A) The provisions of section 303 of the Act or section 643.090, RSMo concerning emergency orders,
 - B) Liability for any violation of an applicable requirement which occurred prior to, or was existing at, the time of permit issuance,
 - C) The applicable requirements of the acid rain program,
 - D) The administrator's authority to obtain information, or
 - E) Any other permit or extra-permit provisions, terms or conditions expressly excluded from the permit shield provisions.

Emergency Provisions

10 CSR 10-6.065(6)(C)7.

- I) An emergency or upset as defined in 10 CSR 10-6.065(6)(C)7. shall constitute an affirmative defense to an enforcement action brought for noncompliance with technology-based emissions limitations. To establish an emergency- or upset-based defense, the permittee must demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, the following:
 - A) That an emergency or upset occurred and that the permittee can identify the source of the emergency or upset,
 - B) That the installation was being operated properly,
 - C) That the permittee took all reasonable steps to minimize emissions that exceeded technology-based emissions limitations or requirements in this permit, and
 - D) That the permittee submitted notice of the emergency to the Air Pollution Control Program within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.
- II) Be aware that an emergency or upset shall not include noncompliance caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

Operational Flexibility

10 CSR 10-6.065(6)(C)8.

An installation that has been issued a Part 70 operating permit is not required to apply for or obtain a permit revision in order to make any of the changes to the permitted installation described below if the changes are not Title I modifications, the changes do not cause emissions to exceed emissions allowable under the permit, and the changes do not result in the emission of any air contaminant not previously emitted. The permittee shall notify the Air Pollution Control Program and the Administrator at least seven days in advance of these changes, except as allowed for emergency or upset conditions. Emissions allowable under the permit means a federally enforceable permit term or condition determined at issuance to be required by an applicable requirement that established an emissions limit (including a work practice standard) or a federally enforceable emissions cap that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.

- I) Section 502(b)(10) changes. Changes that, under section 502(b)(10) of the Act, contravene an express permit term may be made without a permit revision, except for changes that would violate applicable requirements of the Act or contravene federally enforceable monitoring (including test methods), record keeping, reporting or compliance requirements of the permit.
 - A) Before making a change under this provision, the permittee shall provide advance written notice to the Air Pollution Control Program and to the Administrator, describing the changes to be made, the date on which the change will occur, and any changes in emission and any permit terms and conditions that are affected. The permittee shall maintain a copy of the notice with the permit, and this agency shall place a copy with the permit in the public file. Written notice shall be provided to the administrator and this agency at least seven days before the change is to be made. If less than seven days notice is provided because of a need to respond more quickly to these unanticipated conditions, the permittee shall provide notice to the administrator and the permitting authority as soon as possible after learning of the need to make the change.
 - B) The permit shield shall not apply to these changes.

Off-Permit Changes

10 CSR 10-6.065(6)(C)9.

- I) Except as noted below, the permittee may make any change in its permitted operations, activities or emissions that is not addressed in, constrained by or prohibited by this permit without obtaining a permit revision. Insignificant activities listed in the application, but not otherwise addressed in or prohibited by this permit, shall not be considered to be constrained by this permit for purposes of the off-permit provisions of this section. Off-permit changes shall be subject to the following requirements and restrictions:
 - A) The change must meet all applicable requirements of the Act and may not violate any existing permit term or condition; The permittee may not change a permitted installation without a permit revision, if this change is subject to any requirements under Title IV of the Act or is a Title I modification;
 - B) The permittee must provide written notice of the change to the permitting authority and to the administrator no later than the next annual emissions report. This notice shall not be required for changes that are insignificant activities under paragraph (6)(B)3. of this rule. This written notice shall describe each change, including the date, any change in emissions, pollutants emitted and any applicable requirement that would apply as a result of the change.
 - C) The permittee shall keep a record describing all changes made at the installation that result in emissions of a regulated air pollutant subject to an applicable requirement and the emissions resulting from these changes; and
 - D) The permit shield shall not apply to these changes.

Responsible Official

10 CSR 10-6.020(2)(R)12.

The application utilized in the preparation of this was signed by Chris Getsfred, Plant Manager. If this person terminates employment, or is reassigned different duties such that a different person becomes the responsible person to represent and bind the installation in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Director of the Air Pollution Control Program of the change. Said notification shall be in writing and shall be submitted within 30 days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the installation in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the installation until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

Reopening Permit For Cause

10 CSR 10-6.065(6)(E)6.

In accordance with 10 CSR 10-6.065(6)(E)6.A., this permit may be reopened with cause if:

- 1) The Missouri Department of Natural Resources (MDNR) receives notice from the Environmental Protection Agency (EPA) that a petition for disapproval of a permit pursuant to 40 CFR § 70.8(d) has been granted, provided that the reopening may be stayed pending judicial review of that determination,
- 2) MDNR or EPA determines that the permit contains a material mistake or that inaccurate statements were made which resulted in establishing the emissions limitation standards or other terms of the permit,
- 3) Additional applicable requirements under the Act become applicable to the installation; however, reopening on this ground is not required if the permit has a remaining term of less than three years, the effective date of the requirement is later than the date on which the permit is due to expire, or the additional applicable requirements are implemented in a general permit that is applicable to the installation and the installation receives authorization for coverage under that general permit,
- 4) The installation is an affected source under the acid rain program and additional requirements (including excess emissions requirements), become applicable to that source, provided that, upon approval by EPA, excess emissions offset plans shall be deemed to be incorporated into the permit; or
- 5) MDNR or EPA determines that the permit must be reopened and revised to assure compliance with applicable requirements.

Statement of Basis

10 CSR 10-6.065(6)(E)1.C.

This permit is accompanied by a statement setting forth the legal and factual basis for the draft permit conditions (including references to applicable statutory or regulatory provisions). This Statement of Basis, while referenced by the permit, is not an actual part of the permit.

10 CSR 10-6.170 Compliance Demonstration Fugitive Emission Observations

[illegible]

³ This log, or an equivalent created by the permittee, should be used to certify compliance with recordkeeping requirement of Permit Condition PW001.

10 CSR 10-6.400
Control of Emission of Particulate Matter From Industrial Processes

[illegible]

⁴ This log, or an equivalent created by the permittee, should be used to certify compliance with recordkeeping requirement of Permit Conditions EU0010-001, EU0020-001 and EU0030-001.

Attachment B-2⁵

**10 CSR 10-6.400
Control of Emission of Particulate Matter From Industrial Processes
Inspection/Maintenance/Repair/Malfunction Log**

Date	Equipment/Emission Unit	Activities Performed

⁵ This log, or an equivalent created by the permittee, should be used to certify compliance with recordkeeping requirement of Permit Conditions EU0010-001, EU0020-001 and EU0030-001.

Attachment C-1⁶

10 CSR 10-6.220 Compliance Demonstration Opacity Emission Observations

Method 22 (Outdoor) Observation Log		
Emission Unit		
Observer	Date	
Sky Conditions		
Precipitation		
Wind Direction	Wind Speed	
Sketch process unit: Indicate the position relative to the source and sun; mark the potential emission points and/or the observing emission points.		
Observation Clock Time	Observation Period Duration (minute:second)	Accumulative Emission Time (minute:second)
Begin Observation		
End Observation		

⁶ This log, or an equivalent created by the permittee, should be used to certify compliance with the recordkeeping requirement for Permit Conditions EU0010-002, EU0020-002 and EU0030-002.

⁷ This log, or an equivalent created by the permittee, should be used to certify compliance with the recordkeeping requirement for Permit Conditions EU0010-002, EU0020-002 and EU0030-002.

Attachment C-3⁸

10 CSR 10-6.220 Compliance Demonstration
Opacity Emission Observations (Method 9)

Method 9 Opacity Emissions Observations	
Company	Observer
Location	Observer Certification Date
Date	Emission Unit
Time	Control Device

Hour	Minute	Seconds				Steam Plume (check if applicable)		Comments
		0	15	30	45	Attached	Detached	
	0							
	1							
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							
	10							
	11							
	12							
	13							
	14							
	15							
	16							
	17							
	18							

SUMMARY OF AVERAGE OPACITY				
Set Number	Time		Opacity	
	Start	End	Sum	Average

Readings ranged from _____ to _____ % opacity.

Was the emission unit in compliance at the time of evaluation? _____
YES NO Signature of Observer _____

⁸ This log, or an equivalent created by the permittee, should be used to certify compliance with the recordkeeping requirement for Permit Conditions EU0010-002, EU0020-002 and EU0030-002.

Attachment C-4⁹

10 CSR 10-6.220 Compliance Demonstration
Inspection/Maintenance/Repair/Malfunction Log

Inspection/Maintenance/Repair/Malfunction Log		
Date	Emission Unit/Equipment	Activities Performed

⁹ This log, or an equivalent created by the permittee, should be used to certify compliance with the recordkeeping requirement for Permit Conditions EU0010-002, EU0020-002 and EU0030-002.

Attachment D¹⁰

**10 CSR 10-6.060 Compliance Demonstration
Monthly Fuel Usage**

Month/Year	Total Fuel Usage (CCF)	Prorated Fuel Usage (CCF)		
		Boiler #1	Boiler #2	Boiler #3

¹⁰ This log, or an equivalent created by the permittee, should be used to certify compliance with the recordkeeping requirement for Permit Condition (EU0040 through EU0060)-1.

Attachment E-1¹¹

**10 CSR 10-5.300
Purchase Records for Cold Cleaning Solvent**

Date	Solvent Supplier Name	Solvent Supplier Address	Type of Solvent	Solvent Volatility in mmHg at 20°C (68°F)

¹¹ This log, or an equivalent created by the permittee, should be used to certify compliance with the recordkeeping requirement for Permit Condition EU0070-001.

10 CSR 10-5.300

[illegible]

¹² This log, or an equivalent created by the permittee, should be used to certify compliance with the recordkeeping requirement for Permit Condition EU0070-001.

10 CSR 10-5.300

[illegible]

¹³ This log, or an equivalent created by the permittee, should be used to certify compliance with the recordkeeping requirement for Permit Condition EU0070-001.

Attachment E-4¹⁴

10 CSR 10-5.300 Inspection/Maintenance/Repair/Malfunction Log

Date	Equipment/Emission Unit	Activities Performed

¹⁴ This log, or an equivalent created by the permittee, should be used to certify compliance with the recordkeeping requirement for Permit Condition EU0070-001.

Date: _____
Title of Course: _____
Instructor(s): _____

[illegible]

¹⁵ This log, or an equivalent created by the permittee, should be used to certify compliance with the recordkeeping requirement for Permit Condition EU0070-001.

STATEMENT OF BASIS

Permit Reference Documents

These documents were relied upon in the preparation of the operating permit. Because they are not incorporated by reference, they are not an official part of the operating permit.

- 1) Part 70 Operating Permit Application, received February 10, 2005.
- 2) 2004 Emissions Inventory Questionnaire, received March 23, 2005.
- 3) U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*; Volume I, Stationary Point and Area Sources, Fifth Edition.

Applicable Requirements Included in the Operating Permit but Not in the Application or Previous Operating Permits

None

Other Air Regulations Determined Not to Apply to the Operating Permit

10 CSR 10-5.130, *Certain Coals to be Washed*.

The permittee does not import, sell, offer for sale, expose for sale, exchange, deliver or transport for use and consumption in the St. Louis metropolitan area or use or consume in the said area any coal.

Construction Permit Revisions

The following revisions were made to construction permits for this installation:

City of St. Louis Construction Permit #04-06-011.

The recordkeeping requirement in Section IV(A) of Permit #04-06-011 was revised through Permit #04-06-011A to read:

"The permittee shall record and maintain records of the amount of natural gas combusted monthly."

NSPS Applicability

40 CFR §60 Subpart Dc—*Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*.

This subpart applies to EU0040, EU0050 and EU0060. Construction, modification, or reconstruction of these boilers commenced after June 9, 1989 and they have a maximum design heat input capacity greater than 2.9 MW (10 MM Btu/hr) as defined in 40 CFR §60.40(C)(a). EU0040, EU0050 and EU0060 each have a maximum design heat input capacity 16.74 MM Btu/hr. These units burn only natural gas and are therefore not subject to the SO₂ emission limits of 40 CFR §60.42c, or the PM or opacity limits of 40 CFR §60.43c.

On February 1, 2005, the installation submitted a request seeking reduced recordkeeping under this subpart for the affected boilers. On March 28, 2005, EPA Region VII approved the request with the following conditions:

Recordkeeping [§60.48c(g)]

- 1) The requirement of 40 CFR 60.48c(g) to record and maintain the amount of fuel combusted each day may be reduced to monthly, where the only fuels used are: (a) natural gas, or (b) distillate oil with a sulfur content less than 0.5% and compliance is demonstrated using supplier certifications.

Documentation may be in the form of fuel bills or meter readings, or other records that adequately document fuel usage.

- 2) If any fuel oil combusted in the affected units exceeds 0.5% weight percent sulfur, the record keeping frequency will immediately revert to daily, in order to determine whether the 30-day rolling average sulfur content of the fuel exceeds 0.5%. For additional information regarding this requirement, please see §60.46c(d)(2).
- 3) The reduced record keeping frequency shall not exempt the unit from compliance with any of the fuel certification requirements, including those of 40 CFR 60.42(h), 60.44c(g), or any of the reporting requirements, including those of 60.48c(e)(11) and 60.48c(f).

Fuel Amount Proration Methodology

The monthly quantity of fuel fired in each Subpart Dc affected boiler shall be based on the ratio of the design heat input of each affected NSPS Subpart Dc unit to the sum of design heat input capacities of all combustion units fed by a common fuel meter multiplied by the monthly fuel consumption. In this case, because the three boilers share a common meter, and are the only combustion devices metered, New World Pasta may simply prorate based on the heat input of each unit.

Reporting[60.48c(d)]¹

- 1) For an affected unit which has the capability to combust only natural gas, New World Pasta may report excess emissions, or lack thereof, on an annual frequency in lieu of the semi-annual reports otherwise contemplated by NSPS Subpart Dc. The annual report shall be submitted to both the Missouri Department of Natural Resources and St. Louis City Air Pollution Control Program and may be made as a separate submission or may be included with any annual compliance certification required by an operating permit issued by the Missouri Department of Natural Resources.
- 2) If affected units obtain the capability to combust distillate oil with a sulfur content less than 0.5%, but elect not to burn such fuel or an extended period of a calendar year or more, then the affected units may report excess emissions, or lack thereof, on an annual frequency. If this option for reduced reporting is used, please notify your local and state air pollution control agency of your intent to provide less than semi-annual Subpart Dc excess emission reports. The annual report shall be submitted both to the Missouri Department of Natural Resources and St. Louis City Air Pollution Control Program and may be made as a separate submission or may be included with any annual compliance certification required by an operating permit issued by the Missouri Department of Natural Resources.
- 3) Should the affected unit fire any fuel oil during any semi-annual calendar period, whether as an emergency or backup fuel or not, it will be considered subject to the sulfur dioxide emission limitations and shall report any excess emissions, or lack thereof, on a semi-annual frequency. The semi-annual report shall be submitted both to the Missouri Department of Natural Resources and St. Louis City Air Pollution Control Program.

¹Because of concerns about the on-again, off-again nature of such reports, and the regulatory uncertainty about whether a report should have been submitted or not, this approval establishes routine reporting as described above. In recognition of situations where oil is not expected to be burned for extended periods (e.g. a calendar year or more), this approval allows New World Pasta to notify the state that it does not intend to burn oil for extended periods and report annually instead. In all cases, in exchange for the less rigorous monthly recordkeeping, an annual end-of-year report must be filed with the state and local agency summarizing the excess emissions, or lack thereof, of the Subpart Dc affected boilers or heaters.

MACT Applicability

40 CFR Part 63 Subpart DDDDD —*National Emission Standards for Hazardous Air Pollutants for Industrial, commercial, and Institutional Boilers and Process Heaters*

New World Pasta is subject to this subpart as it operates boilers EU0040, EU0050 and EU0060 as part of a major source of HAP (bromomethane) as defined in 40 CFR §63.2. The affected boilers are subject to only the initial notification requirements in 40 CFR §63.9(b). This facility submitted an initial notification on November 22, 2004.

According to 40 CFR §63.7506(b), New World Pasta is not subject to the emission limits, work practice standards, performance testing, monitoring, SSMP, site-specific monitoring plans, recordkeeping or reporting requirements.

NESHAP Applicability

Not applicable

CAM Applicability

The installation does not have any emission units that are subject to any emission limitations or standards that were proposed by the EPA administrator after November 15, 1990 pursuant to section 111 or 112 of the Clean Air Act. Therefore, CAM would not apply to this installation.

Other Regulatory Determinations

New World Pasta has the potential to emit more than ten (10) tons per year of bromomethane (methyl bromide), CAS 74-83-9, which is classified as a hazardous air pollutant (HAP). The bromomethane emissions are as a result of plant wide space fumigation and are considered fugitive in nature. There are currently no federal regulations to mitigate bromomethane emissions from pasta manufacturing installations. However, since this installation is a major source of HAP, the applicability of other MACT regulations have been triggered.

EU0350 is typically brought on site once per quarter for 5 days at a time for use when permanent electric air compressors are undergoing maintenance. EU0360 is the temporary diesel tank with containment associated with EU0350.

10 CSR 10-6.220, *Restriction of Emission of Visible Air Contaminants.*

EU0040, EU0050 and EU0060 are emission sources regulated by 40 CFR part 60 and are therefore exempt from this rule per 10 CSR 10-6.220(1)(H).

10 CSR 10-6.260, *Restriction of Emission of Sulfur Compounds.*

EU0040, EU0050 and EU0060 use exclusively pipeline grade natural gas as defined in 40 CFR 72.2. They will therefore be exempt from this rule as per 10 CSR 10-6.260(1)(A)(2) once the provisions of the current version of 10 CSR 10-6.260 (May 30, 2004, effective date) are incorporated into the federally approved SIP as a final EPA action

Until the current version of 10 CSR 10-6.260 is incorporated into the SIP, these emission units are subject to this regulation. Compliance with this rule is to be shown either from stack testing or by proving the sulfur content is less than 0.5%. The boilers at this installation only burn natural gas and would never be

expected to exceed the emission limits of this rule due to the low emissions of sulfur compounds from natural gas combustion.

10 CSR 10-6.400, Control of Emission of Particulate Matter From Industrial Processes

The following two tables provide the allowable particulate emission rate based on 10 CSR 10-6.400 and the potential (maximum) emission rate including particulate emission control equipment. Potentials to emit (PTE) presented below were calculated based on each sources maximum hourly design rates (MHDR).

Table 1 indicates that EU0010 can meet the allowable hourly mass emission limit without considering controls. However, as indicated in Table 2, this emission unit cannot meet the allowable grain loading limit unless controls are considered. EU0020 and EU0030 cannot meet either the allowable hourly mass emission limit or the allowable grain loading limit without considering controls. Therefore, pressure drop monitoring was included as an applicable requirement in the operating permit for all three of these emission units.

For Table 1

Potential to Emit:

$$\text{Uncontrolled PTE} \left(\frac{\text{lb}}{\text{hr}} \right) = \text{MHDR} \left(\frac{\text{tons}}{\text{hr}} \right) \times \text{Emission Factor} \left(\frac{\text{lb}}{\text{ton}} \right)$$

$$\text{Controlled PTE} \left(\frac{\text{lb}}{\text{hr}} \right) = \text{MHDR} \left(\frac{\text{tons}}{\text{hr}} \right) \times \text{Emission Factor} \left(\frac{\text{lb}}{\text{ton}} \right) \times (1 - \text{Control Efficiency})$$

Allowable PM Emissions:

For process weight rates of 60,000 pounds per hour (lb/hr) or less:

$$E = 4.10P^{0.67}$$

and for process weight rates greater than 60,000 lb/hr:

$$E = 55.0P^{0.11} - 40$$

where:

E = rate of emission in lb/hr; and

P = process weight rate in tons per hour (tons/hr)

Table 1

Emission Unit #	Emission Unit Name	MHDR (ton/hr)	PM Emission Factor (lb/ton)	Control Efficiency	Uncontrolled PM PTE (lb/hr)	Controlled PM PTE (lb/hr)	Allowable PM Emissions (lb/hr)
EU0010	Flour Silo Load System Filter House (F01-08)	53.33	0.72 ¹	99.35%	38.40	0.25	45.18

Emission Unit #	Emission Unit Name	MHDR (ton/hr)	PM Emission Factor (lb/ton)	Control Efficiency	Uncontrolled PM PTE (lb/hr)	Controlled PM PTE (lb/hr)	Allowable PM Emissions (lb/hr)
EU0020	T03 Regrind Filter House – Egg Product Hammermill	1.00	52.69 ²	99.35%	52.69	0.34	4.10
EU0030	T04 Regrind Filter House – Non-Egg Product Hammermill	3.00	52.69 ²	99.35%	158.08	1.03	8.56

¹ AP42 Tbl 11.12-2 (10/01)

² Stack Test - 09/08/2004

Table 2 can be used to verify compliance with the limit of 0.3 grains/dscf.

$$SCFM = ACFM \left(\frac{T_{s \text{ standard}}}{T_{actual}} \right) \left(\frac{P_{actual}}{P_{s \text{ standard}}} \right)$$

EPA-defined standard conditions of temperature and pressure are 68°F (20°C) and 14.7 psia (760 mm Hg).

$$Emission \ Rate \left(\frac{grains}{dscf} \right) = \left(\frac{Emission \ Rate \left(\frac{lb}{hr} \right)}{Stack \ Flow \ Rate \left(\frac{scf}{min} \right) \times 60 \left(\frac{min}{hr} \right)} \times 7000 \left(\frac{grains}{lb} \right) \right)$$

Table 2

Emission Unit #	Emission Unit	Uncontrolled PTE (lb/hr)	Controlled PTE (lb/hr)	Stack Temp (°F)	Stack Flow Rate		Uncontrolled PTE (gr/scf)	Controlled PTE (gr/scf)
					ACFM	SCFM		
EU0010	Flour Silo Load System Filter House (F01-08)	38.40	0.25	100 ²	3000 ²	2636	1.70	0.01
EU0020	T03 Regrind Filter House – Egg Product Hammermill	52.69	0.34	109 ¹	-----	1342 ¹	4.58	0.03
EU0030	T04 Regrind Filter House – Non-Egg Product Hammermill	158.08	1.03	109 ¹	-----	3356 ¹	5.50	0.04

¹ Stack Test - 09/08/2004

² Plant personnel estimate

Exemptions to 10 CSR 10-6.400 are shown below.

1. The emission units listed below are exempt from this rule under 10 CSR 10-6.400(1)(B)7 because their emissions are fugitive to the building.

Table 3

Emission Unit Number	EIO Emission Point Number	Description
EU0080	EP-01	Flour Weigh Silo T01 Bag Filter Line 1
EU0090	EP-02	Flour Weigh Silo T01 Bag Filter Line 2
EU0100	EP-03	Flour Weigh Silo T02 Bag Filter Line 2
EU0110	EP-04	Flour Weigh Silo T02 Bag Filter Line 1
EU0120	EP-06	#1 Press Feed
EU0130	EP-07	#2 Press Feed
EU0140	EP-08	#3 Press Feed
EU0150	EP-09	#4 Press Feed
EU0160	EP-10	#5 Press Feed
EU0170	EP-12	#7 Press Feed
EU0180	EP-13	#8 Press Feed
EU0190	EP-14	#9 Press Feed
EU0270	EP-27	Egg Regrind Silo Load System (R01)
EU0280	EP-28	Non-Egg Regrind Silo Load System (R02)
EU0290	EP-29	Non-Egg Regrind Silo Load System (R03)
EU0300	EP-30	Non-Egg Regrind Silo Load System (R04)

2. The emission units listed below are exempt from this rule under 10 CSR 10-6.400(1)(B)7 because their emissions are fugitive to the building. They also have an uncontrolled potential to emit of less than one-half (0.5) pounds per hour of particulate matter at maximum design capacity and are therefore also exempt under 10 CSR 10-6.400(1)(B)11.

Table 4

Emission Unit Number	EIO Emission Point Number	Description	MHBR (tph)	PM Emission Factor (lb/ton)	Uncontrolled PTE (lb/hr)
EU0200	EP-16	#1 Press Recycle	0.2134	0.061	0.01
EU0210	EP-17	#2 Press Recycle	0.1992	0.061	0.01
EU0220	EP-18	#3 Press Recycle	0.1992	0.061	0.01
EU0230	EP-19	#5 Press Recycle	0.1067	0.061	0.01
EU0250	EP-23	Non-Egg Tailing Recycle Storage Silo (T04)	2.53	0.061	0.15
EU0260	EP-24	Egg Tailing Recycle Storage Silo (T03)	2.53	0.061	0.15
EU0310	EP-34	#4 Press Recycle	0.1423	0.061	0.01
EU0320	EP-35	Egg Tailing Recycle Storage Silo (E03)	2.53	0.061	0.15

3. The emission unit listed below are exempt from this rule under 10 CSR 10-6.400(1)(B)11 because its uncontrolled potential to emit is less than one-half (0.5) pounds per hour of particulate matter at maximum design capacity.

Table 5

Emission Unit Number	EIO Emission Point Number	Description	MHDR (tph)	PM Emission Factor (lb/ton)	Uncontrolled PTE (lb/hr)
EU0240	EP-21	Non-Egg Tailing Recycle Storage Silo (T05)	1.0963	0.061	0.07

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Other Regulations Not Cited in the Operating Permit or the Above Statement of Basis

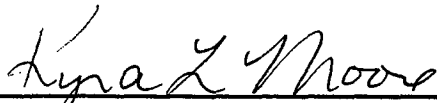
Any regulation which is not specifically listed in either the Operating Permit or in the above Statement of Basis does not appear, based on this review, to be an applicable requirement for this installation for one or more of the following reasons:

1. The specific pollutant regulated by that rule is not emitted by the installation;
2. The installation is not in the source category regulated by that rule;
3. The installation is not in the county or specific area that is regulated under the authority of that rule;
4. The installation does not contain the type of emission unit which is regulated by that rule;
5. The rule is only for administrative purposes.

Should a later determination conclude that the installation is subject to one or more of the regulations cited in this Statement of Basis or other regulations which were not cited, the installation shall determine and demonstrate, to the APCP's satisfaction, the installation's compliance with that regulation(s). If the installation is not in compliance with a regulation which was not previously cited, the installation shall submit to the APCP a schedule for achieving compliance for that regulation(s).

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Reviewed by:


for Nicole Voyles
Environmental Engineer